Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 16 May 2023 until 23:59 on Wednesday 17 May 2023

Forecast Issued on Monday 15 May 2023 at 14:42

Confidence: High confidence for fine, dry and settled conditions this week, with some chilly nights. Lower confidence in regards to shower details.

Headline for Tuesday 16 May 2023: Largely dry with sunny spells. Chance of a few well-scattered and light showers, mainly in the early hours. Breezy and feeling chilly on the summits.

Mountain weather hazards on Tuesday 16 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals
Precipitation probability							
10%	30%	30%	20%	10%	10%	10%	10%

Forecast for Tuesday 16 May 2023

Weather: Clear spells early hours and into Tuesday morning, with a few showers running across from the northwest. Chance of some mist and shallow fog patches forming in well sheltered valleys, soon clearing after dawn. Mostly turning dry with variable amounts of cloud and bright or sunny spells through Tuesday but chance of light showers during the afternoon, mainly across far eastern areas. Breezy across the summits, with a marked wind chill.

Chance of cloud-free hill tops above 600m: 80% overnight otherwise 100% during most of daylight hours.

Low cloud and visibility: Chance of patchy scattered to broken bases 600m overnight otherwise no low cloud issues, with visibility very good or excellent throughout the day, with clear views of distant hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 16 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 SW	9/13 W	11/16 W	16/23 NW	18/26 NW	16/23 NW	16/24 NW	11/17 W	9/13 W
300	8/11 SW	7/11 W	8/13 W	14/21 NW	16/25 NW	14/23 NW	14/23 NW	9/16 W	7/12 W
Valley	4/7 W	3/8 W	4/11 W	11/21 NW	13/24 NW	13/24 NW	11/22 NW	6/13 W	5/9 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	4/0	4/0	7/3	9/5	9/6	8/4	6/3	5/2
300	7/5	6/3	6/4	9/6	12/8	12/9	11/8	9/7	8/6
Valley	6/5	4/3	6/5	11/8	13/10	13/10	12/9	9/8	7/6
Freezing Level*	1200m	1100m	1000m	1200m	1400m	1500m	1600m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be High. Advisable to wear extra sun protection. There will be an added wind chill on the summits, therefore, extra layers are advised for spending time on summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 15 May 2023	0.2mm	0.2mm	0.2mm

Forecast for Wednesday 17 May 2023

Weather: Variable amounts of cloud with clear spells likely overnight then a bright day on Wednesday with some bright or sunny spells. Variable amounts of cloud with a chance of a shower or two. Winds lighter than Tuesday and more variable in direction. Cold overnight then rather warm by afternoon.

Maximum wind: 15-20mph across summits, mainly from West or Northwest.

Chance of cloud-free hill tops above 600m: 70% overnight with some cloud perhaps covering highest summits, otherwise 100%

Low cloud and visibility: Chance of patchy scattered to broken bases 600m overnight otherwise no low cloud issues, with very good visibility throughout the day, and clear views of distant hills.

Temperature: **Valleys:** Plus 3 degrees Celsius, rising to Plus 17 degrees Celsius in afternoon.
At 600m: Plus 5 degrees Celsius, rising to Plus 12 degrees Celsius in afternoon.
Freezing level: Well above the summits.

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